Concrete and Asphalt Cleaner

MATERIAL SAFETY DATA SHEET
(Complies with OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® Companies
One Securities Centre
3490 Piedmont Road, Suite 1300
Atlanta, GA 30329

Emergency Telephone Number
(770) 216-9580

Information Telephone Number
(770) 216-9580

MSDS Y1
Revision: Feb-10

QUIKRETE® Product Name  Code #
QUIKRETE® Concrete & Asphalt Cleaner  8601-01, 14

Product Use: Chemical cleaner for concrete and asphalt surfaces

SECTION II - HAZARD IDENTIFICATION

Route(s) of Entry: Skin, Ingestion
Acute Exposure: Direct eye-contact with material can cause irritation and possible corneal injury.
Chronic Exposure: Prolonged exposure may cause slight irritation.
Carcinogenicity: Non-carcinogenic
Carcinogenicity Listings: Not applicable
Signs and Symptoms of Exposure: None known
Medical Conditions Generally Aggravated by Exposure: None known

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS No.</th>
<th>PEL (OSHA) mg/M³</th>
<th>TLV (ACGIH) mg/M³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycol Ether</td>
<td>34590-94-8</td>
<td>Not Established</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

SECTION IV – First Aid Measures

Eyes: Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Call physician immediately.
Skin: Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists. Seek immediate medical treatment in the event of burns.

Inhalation: Remove to fresh air. Seek immediate medical attention if difficulty in breathing.

Ingestion: If swallowed, give two glasses of water and induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flammability: Noncombustible and not explosive.
Auto-ignition Temperature: Not Applicable
Flash Points: Glycol Ether has a flash point of 208°F (98°C)
Unusual Fire and Explosive Hazards: None

SECTION VI – ACCIDENTAL RELEASE MEASURES

If spilled, soak with absorbent material, flush remainder with water. Flush to sewer if permitted by applicable local, state and federal regulations.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Store in a cool place; avoid freezing to preserve product utility.

SECTION VIII – EXPOSURE CONTROL MEASURES

Engineering Controls: Product is recommended for outdoor use only. No respiratory protection is required if ventilation is adequate. Avoid prolonged breathing of fumes.
Personal Protection: Use waterproof or chemical resistant gloves; wear safety glasses with side shields.
Exposure Limits: Consult local authorities for acceptable exposure limits.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: Clean blue liquid with sassafras odor
Solubility in Water: infinitely dilutable
Boiling Point: 212°F (100°C)
Freezing Point: ~30°F (-1°C)

SECTION X - REACTIVITY DATA

Stability: Stable.
Incompatibility (Materials to Avoid): Strong oxidizing agents
Hazardous Decomposition or By-products: Thermal decomposition may yield carbon monoxide and carbon dioxide.
Hazardous Polymerization: Will Not Occur.

SECTION XI – TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Ingestion
Toxicity to Animals: None known
Chronic Effects on Humans: None known
Special Remarks on Toxicity: Not Available

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity: Not Available
BOD5 and COD: Not Available
Products of Biodegradation: Not available
Toxicity of the Products of Biodegradation: Not available
Special Remarks on the Products of Biodegradation: Not available

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: The packaging may be landfilled and material may be flushed to sewer, if permitted by local, state and federal regulations. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302).

SECTION XIV – TRANSPORT INFORMATION

DOT/UN Shipping Name: Non-regulated
DOT Hazard Class: Non-regulated
Shipping Name: Non-regulated
Non-Hazardous under U.S. DOT and TDG Regulations

SECTION XV – OTHER REGULATORY INFORMATION

SARA (Title III) Sections 311 & 312: Not applicable
SARA (Title III) Section 313: Not subject to reporting requirements
TSCA (May 1997): All components are on the TSCA inventory list
Federal Hazardous Substances Act: Considered non-hazardous
Canadian Environmental Protection Act: Not listed
Canadian WHMIS: Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations (Class D2A, E- Corrosive Material) and subject to the requirements of Health Canada’s Workplace Hazardous Material Information (WHMIS). This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

SECTION XVI – OTHER INFORMATION
HMIS-III:

**Health** –
- 0 = No significant health risk
- 1 = Irritation or minor reversible injury possible
- 2 = Temporary or minor injury possible
- 3 = Major injury possible unless prompt action is taken
- 4 = Life threatening, major or permanent damage possible

**Flammability** –
- 0 = Material will not burn
- 1 = Material must be preheated before ignition will occur
- 2 = Material must be exposed to high temperatures before ignition
- 3 = Material capable of ignition under normal temperatures
- 4 = Flammable gases or very volatile liquids; may ignite spontaneously

**Physical Hazard** –
- 0 = Material is normally stable, even under fire conditions
- 1 = Material normally stable but may become unstable at high temps
- 2 = Materials that are unstable and may undergo react at room temp
- 3 = Materials that may form explosive mixtures with water
- 4 = Materials that are readily capable of explosive water reaction

**Abbreviations:**
- **ACGIH**: American Conference of Government Industrial Hygienists
- **CAS**: Chemical Abstract Service
- **CERCLA**: Comprehensive Environmental Response, Compensation & Liability Act
- **CFR**: Code of Federal Regulations
- **CPR**: Controlled Products Regulations (Canada)
- **DOT**: Department of Transportation
- **IARC**: International Agency for Research
- **MSHA**: Mine Safety and Health Administration
- **NIOSH**: National Institute for Occupational Safety and Health
- **NTP**: National Toxicity Program
- **OSHA**: Occupational Safety and Health Administration
- **PEL**: Permissible Exposure Limit
- **RCRA**: Resource Conservation and Recovery Act
- **SARA**: Superfund Amendments and Reauthorization Act
- **TLV**: Threshold Limit Value
- **TWA**: Time-weighted Average
- **WHMIS**: Workplace Hazardous Material Information System

**Revision #07-01, supersedes all previous revisions.**
**Created: 11/28/2006**
**Last Updated: February 23, 2010**

**NOTE:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.